IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:	Bernard S. GREEN et al	§	
Serial No.:	10/671,538	§	
Filed:	29-Sep-2003	§	Group Art Unit: 1618
For:	MOLECULARLY IMPRINTED POLYMERS FOR THE TREATMENT AND DIAGNOSIS OF MEDICAL CONDITIONS	§	Attorney Docket: 26883
Examiner:	ROGERS, JAMES WILLIAM	§	

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Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Supplemental Information Disclosure Statement is being filed subsequent to an Office Action being mailed and a late fee of $180 is due. Please charge my Deposit Account 50-1407 for this fee, as well as any additional fees due.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Martin D. Moynihan
Registration No. 40,338

Dated: August 16, 2006

PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	3

Complete if Known	
Application Number	10/671,538
Filing Date	September 29, 2003
First Named Inventor	Bernard S.GREEN et al
Art Unit	1618
Examiner Name	ROGERS, JAMES WILLIAM
Attorney Docket Number	26883

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. [1]	Document Number Number-Kind Code [2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,858,296	01-12-1999	Domb	
	2	US-4,127,730	11-28-1978	Wulff et al.	
	3	US-5,110,833	05-5-1992	Mosbach	
	4	US-5,587,273	12-24-1996	Yan et al.	
	5	US-5,589,358	12-31-1996	Dawson	
	6	US-5,630,978	05-20-1997	Domb	
	7	US-5,631,138	05-20-1997	Kano et al.	
	8	US-5,872,198	02-16-1999	Mosbach et al.	
	9	US-5,945,411	08-31-1999	Larson et al.	
	10	US-5,976,811	02-2-1999	Müllner et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. [1]	Foreign Patent Documents Country Code [3]- Number [4]- Kind Code [5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [6]

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Examiner Initials	Cite No.[1]	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	11	Haupt et al. "Plastic Antibodies: Development and Applications", TIBTECH, 16: 468-475, 1998.	
	12	Mayes et al. "Molecularly Imprinted Polymers: Useful Materials for Analytical Chemistry?", Trends in Analytical Chemistry, 16(6): 321-332, 1997.	
	13	Vlatakis et al. "Drug Assay Using Antibody Mimics Made by Molecular Imprinting", Nature, 361: 645-647, 1993.	
	14	Kauer et al. "Composition and Concentration of Bile Acid Reflux Into the Esophagus of Patients With Gastroesophageal Reflux Disease", Surgery, 122: 874-881, 1997.	
	15	Ochsenkühn et al. "Colonic Mucosal Proliferation Is Related to Serum Deoxycholic Acid Levels", Cancer, 85: 1664-1669, 1999.	
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	17	Theisen et al. "Suppression of Gastric Acid Secretion in Patients With Gastroesophageal Reflux Disease Results in Gastric Bacterial Acids", Journal of Gastrointestinal Surgery, 4: 50-54, 2000.	
	18	Kamano et al. "Ratio of Primary and Secondary Bile Acids in Feces: Possible Marker for Colorectal Cancer?", Dis Colon Rectum, 42(5): 668-672, 1999. Abstract.	
	19	Nehra et al. "Toxic Bile Acids in Gastro-Oesophageal Reflux Disease: Influence of Gastric Acidity", GUT, 44(5): 598-602, 1999. Abstract.	
	20	Shindo et al. "Omeprazole Induces Altered Bile Acid Metabolism", GUT, 42: 266-271, 1998. Abstract.	
	21	Zhang et al. "Dihydroxy Bile Acids Activate the Transcription of Cyclooxygenase-2", The Journal of Biological Chemistry, 273(4): 2424-2428, 1998.	
	22	Whitcombe et al. "A New Method for the Introduction of Recognition Site Functionality Into Polymers Prepared by Molecular Imprinting: Synthesis and Characterization of Polymeric Receptors for Cholesterol", Journal of the American Chemical Society, 117: 7105-7111, 1995. Abstract.	
	23	Bayerdorffer et al. "Unconjugated Secondary Bile Acids in the Serum of Patients With Colorectal Adenomas", GUT, 36(2): 268-273, 1995. Abstract.	
	24	Berr et al. "Disorders of Bile Acid Metabolism in Cholesterol Gallstone Disease", Journal of Clinical Investigation, 90(3): 859-868, 1992.	
	25	Bernstein et al. "A Bile Acid-Induced Apoptosis Assay for Colon Cancer Risk and Associated Quality Control Studies", Cancer Research, 59(10): 2353-2357, 1999.	
	26	Fuhrman et al. "Increased Uptake of LDL by Oxidized Macrophages Is the Result of An Initial Enhanced LDL Receptor Activity and of A Further Progressive Oxidation of LDL", Free Radic Biol Med, 23(1): 34-46, 1997. Abstract.	
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Sheet	3	Of	3	Attorney Docket Number	26883

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
	27	Ljubuncic et al. "Effect of Deoxycholic Acid and Ursodeoxycholic Acid on Lipid Peroxidation in Cultured Macrophages", GUT, 39(3): 475-478, 1996. Abstract.	
	28	Low-Beer et al. "Colonic Bacterial Activity, Biliary Cholesterol Saturation, and Pathogenesis of Gallstones", Lancet, 2(8099): 1063-1065, 1978. Abstract.	
	29	Peiffer et al. "Differential Effects of Deoxycholic Acid on Proliferation of Neoplastic and Differentiation Colonocytes In Vitro", Digestive Diseases and Sciences, 42(11): 2234-2240, 1997. Abstract.	
	30	Shoda et al. "Increase of Deoxycholate in Supersaturated Bile of Patients With Cholesterol Gallstone Disease and Its Correlation With De Novo Syntheses of Cholesterol and Bile Acids in Liver, Gallbladder Emptying, and Small Intestinal Transit", Hepatology, 21(5): 1291-1302, 1995. Abstract.	
	31	Fini et al. "Spectrophotometric Determination of Bile Acids. An Evaluation", Collection of the Czechoslovakian Chemical Communications, 58(1): 53-61, 1993. Abstract.	
	32	Wulff "Molecular Imprinting in Cross-Linked Materials With the Aid of Molecular Templates - A Way Towards Artificial Antibodies", Angewandte Chemie, International Edition, 34: 1812-1832, 1995. Abstract.	
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